BONES

Of the

Appendicu

Skeleton

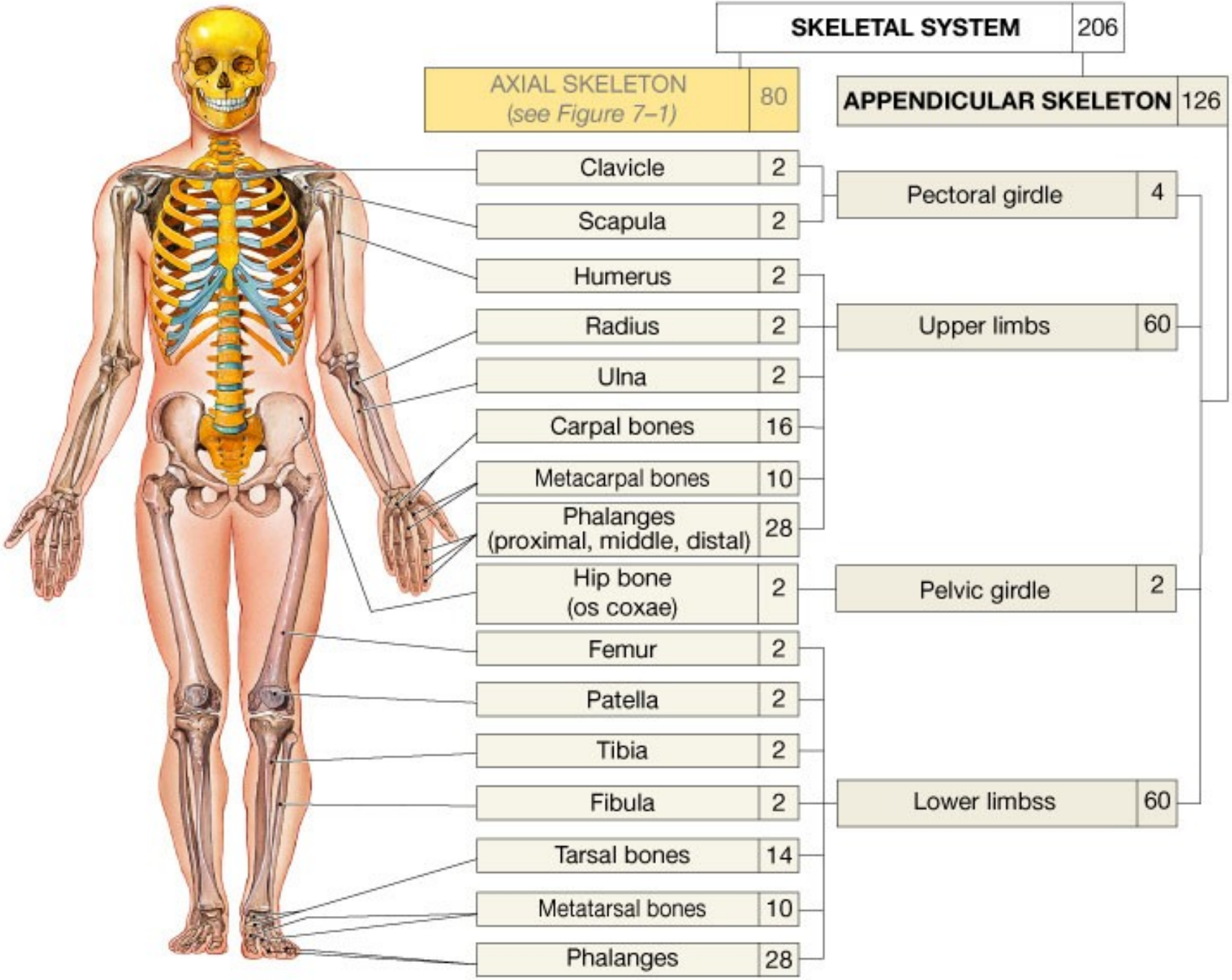
Bony Landmarks

Articulations
condyle -
facet -
head -

Depressions
alveolus -
fossa -
fovea -
sulcus or groove -

Extensions & Projections
crest -
epicondyle -
line -
process -
trochanter -
tubercle -
tuberosity -
spine -

Passages
canal or meatus -
foramen (foramina) -
fissure -



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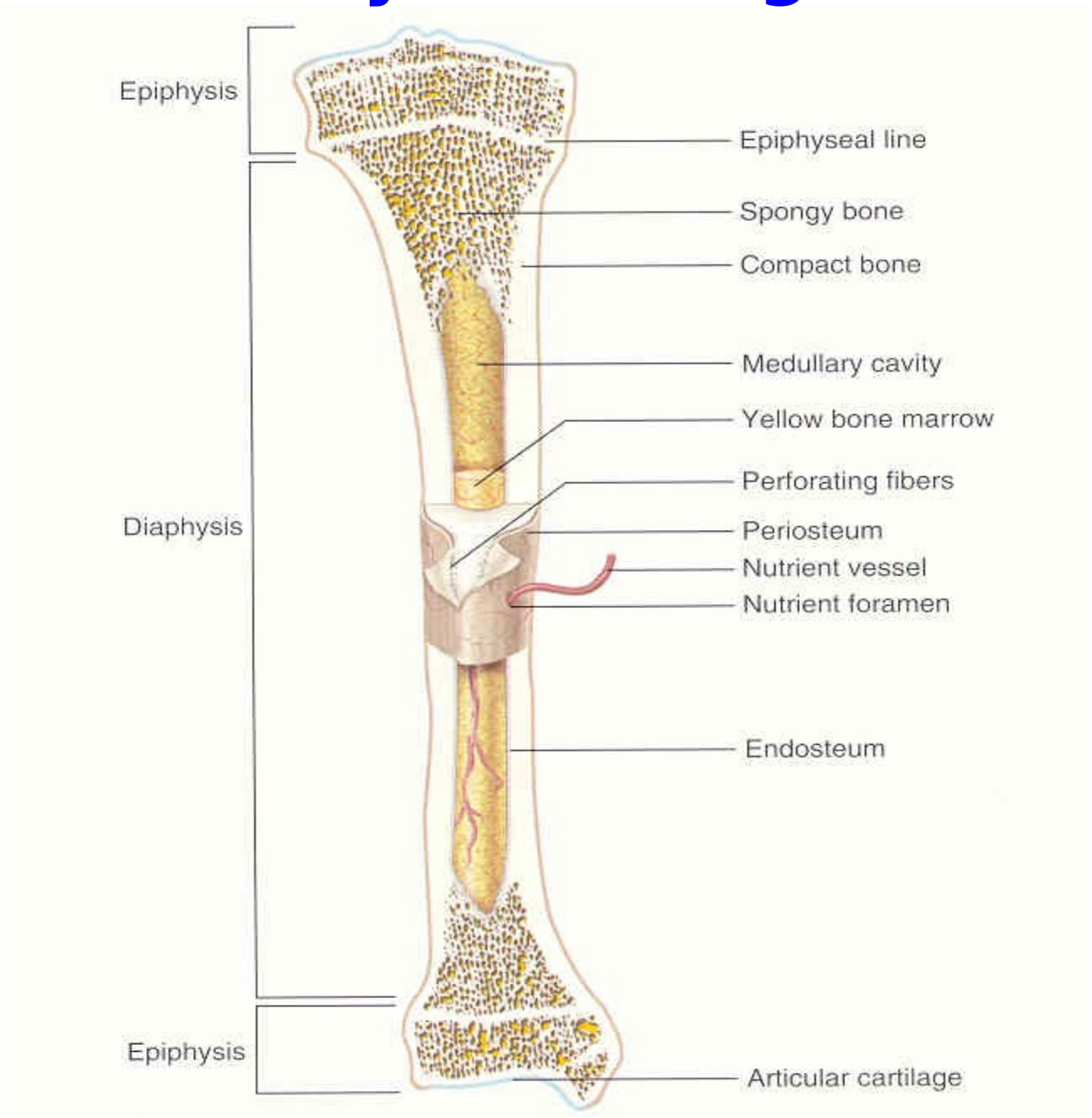
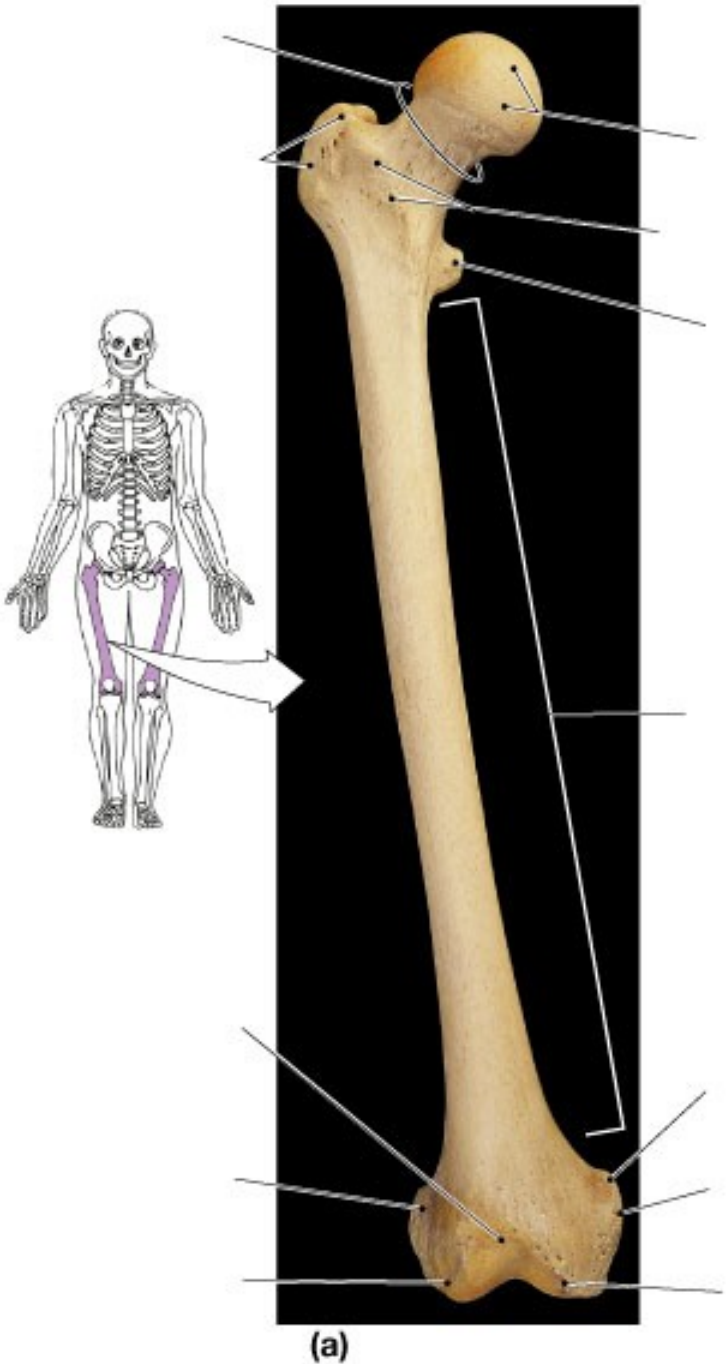
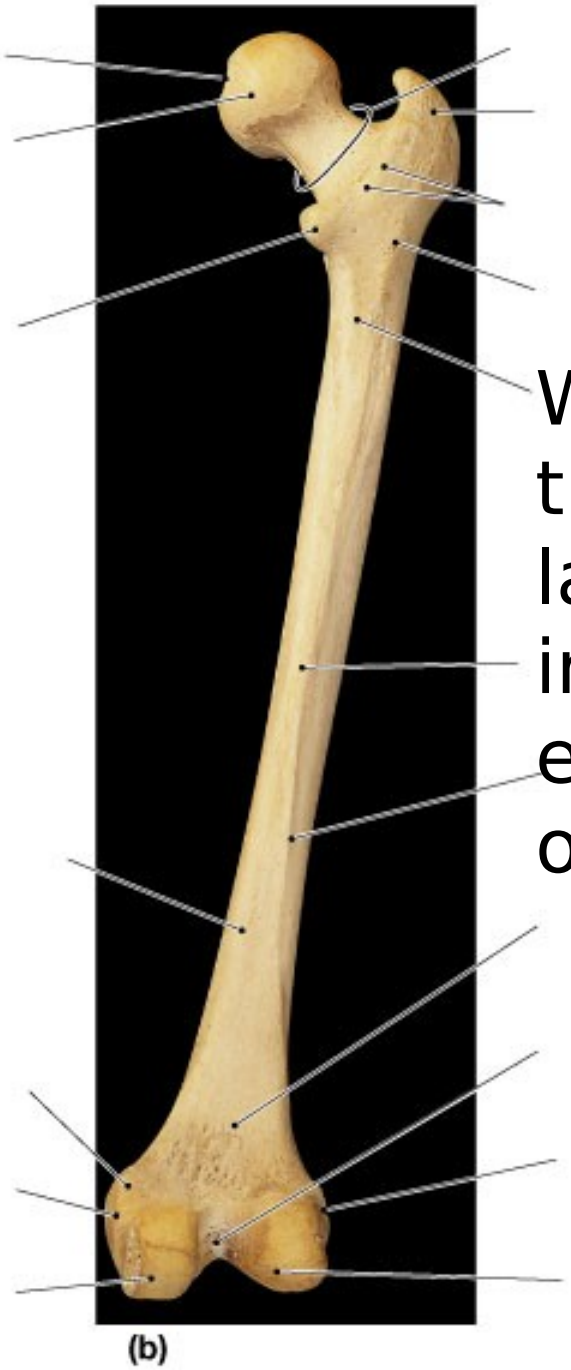
Anatomy of a Long Bone



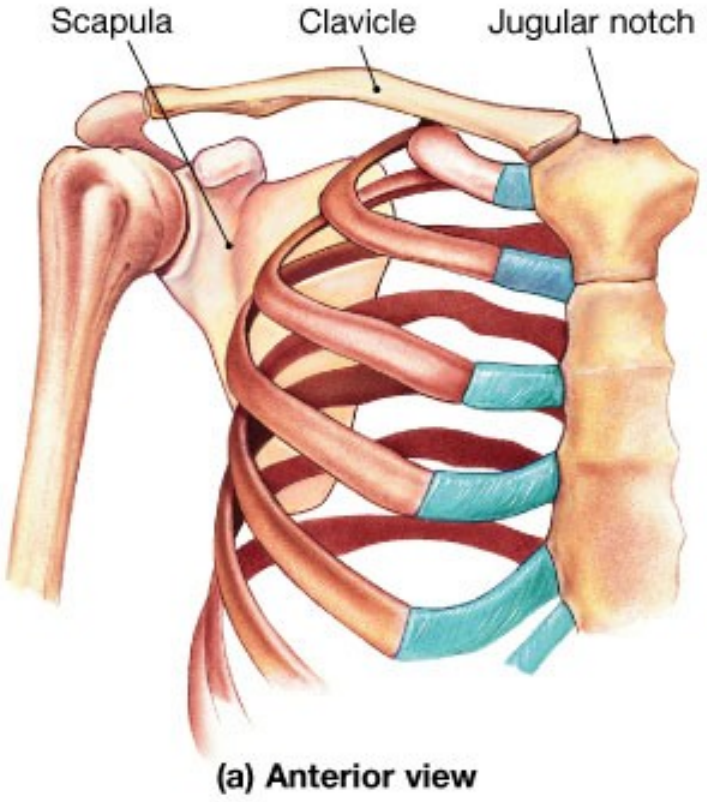


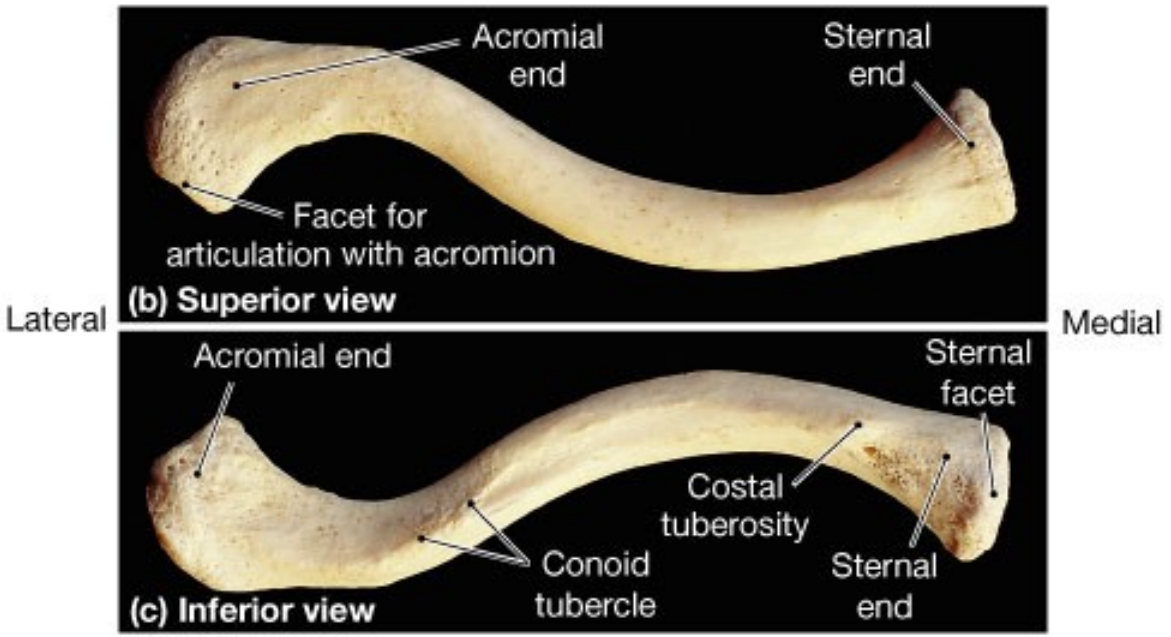


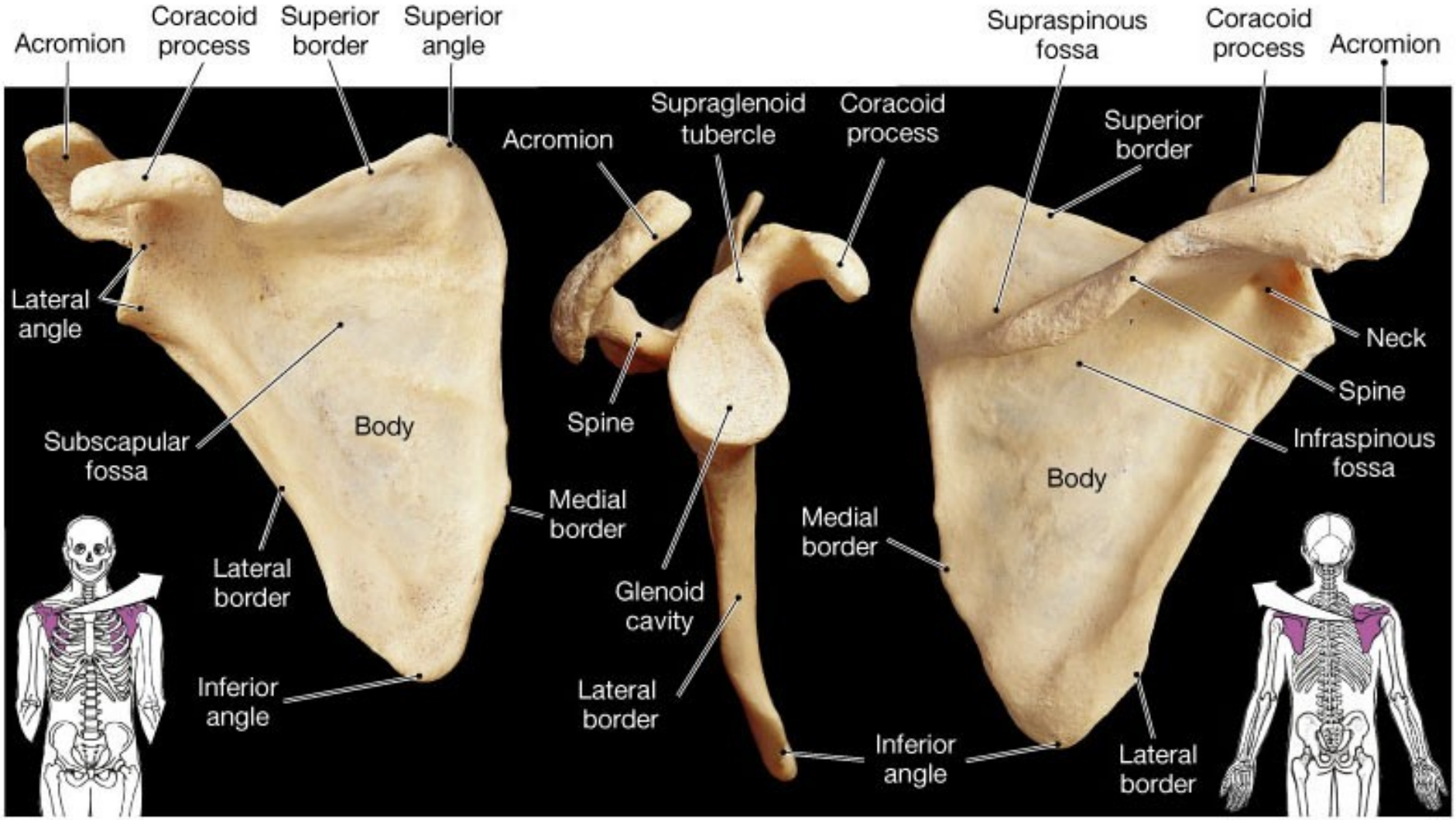
What are the bony landmarks indicated on each aspect of this bone?

The Appendicular Skeleton

= The Pectoral and Pelvic Girdles







(a) Anterior view (b) Lateral view (c) Posterior view

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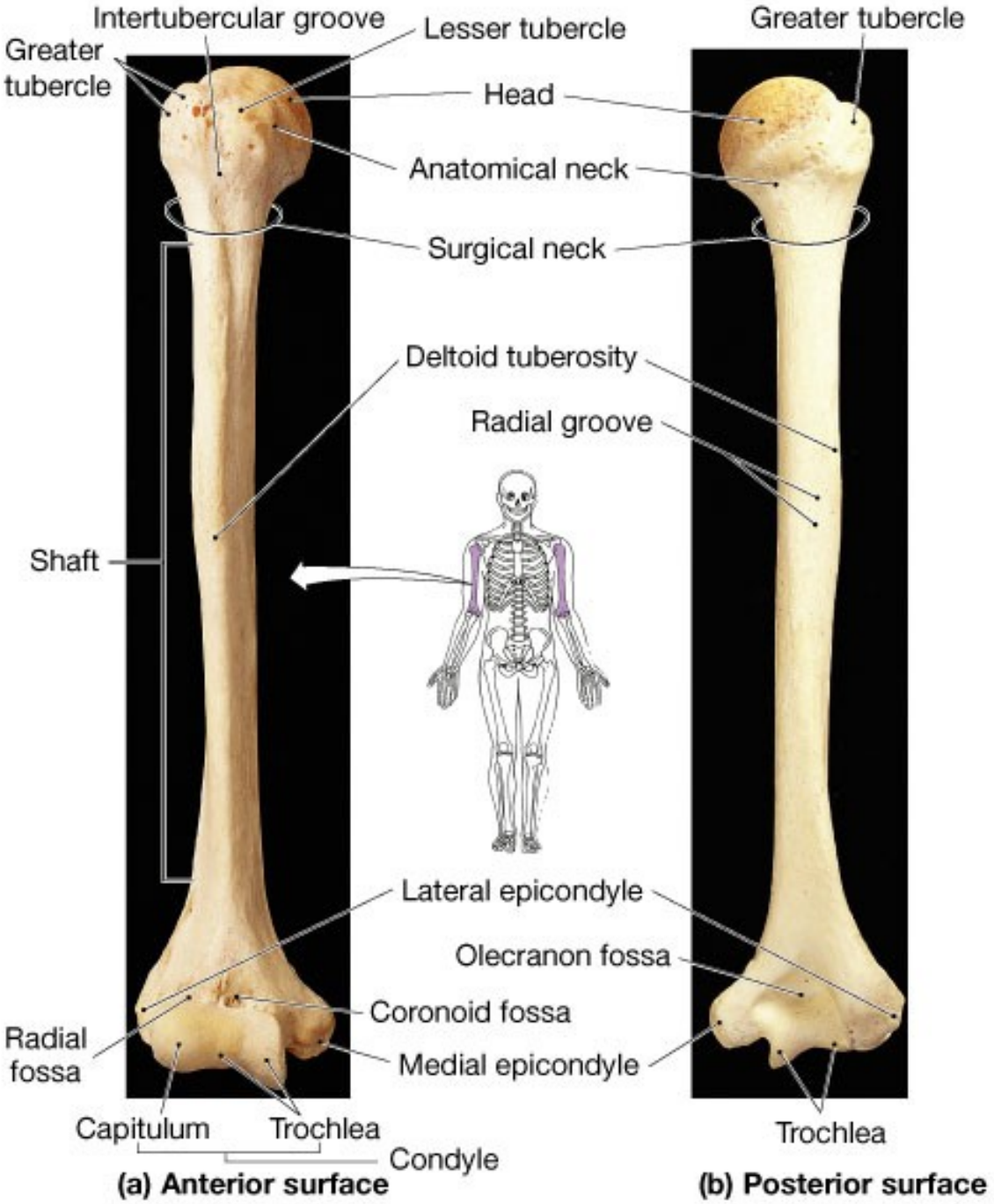

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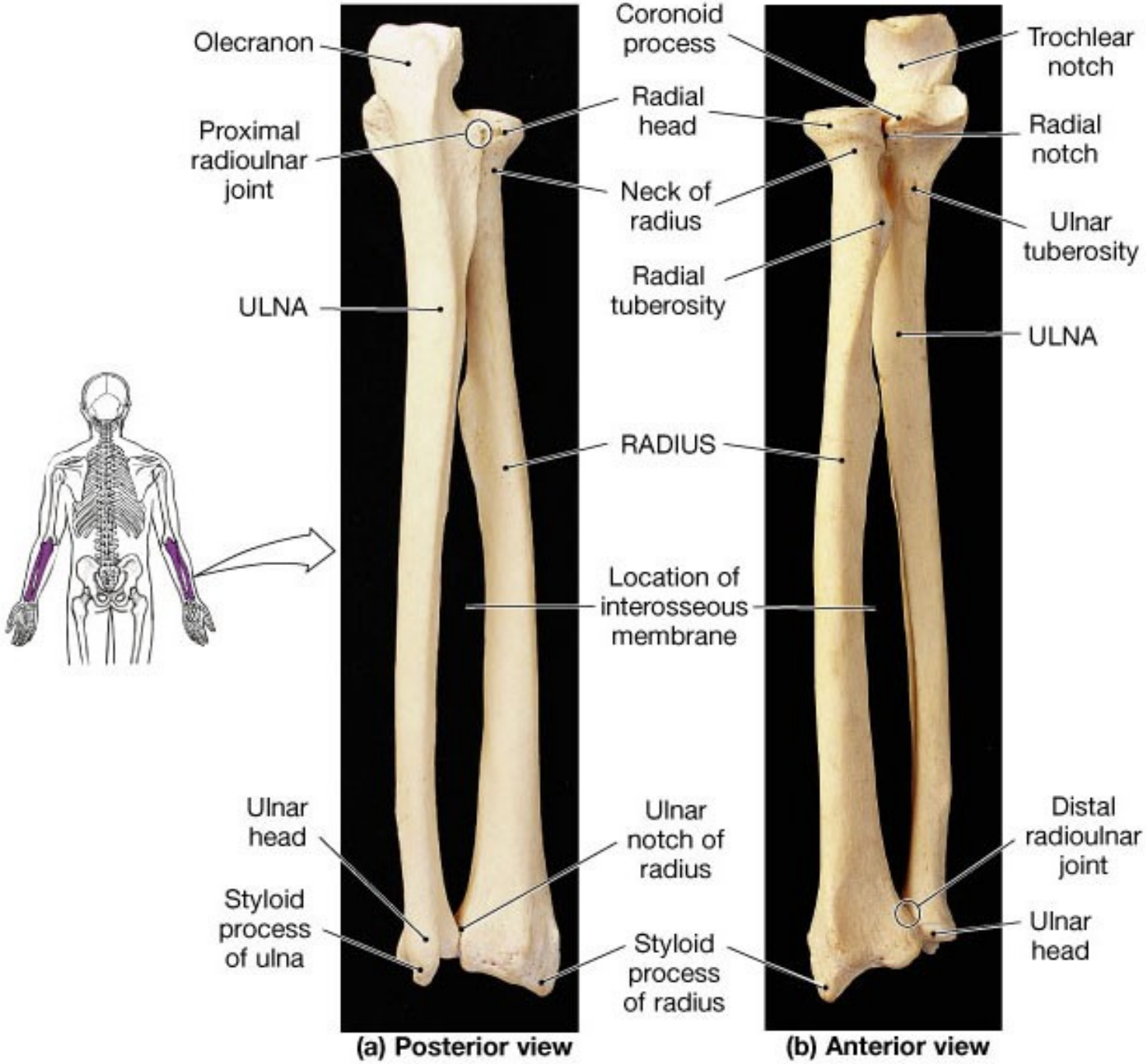

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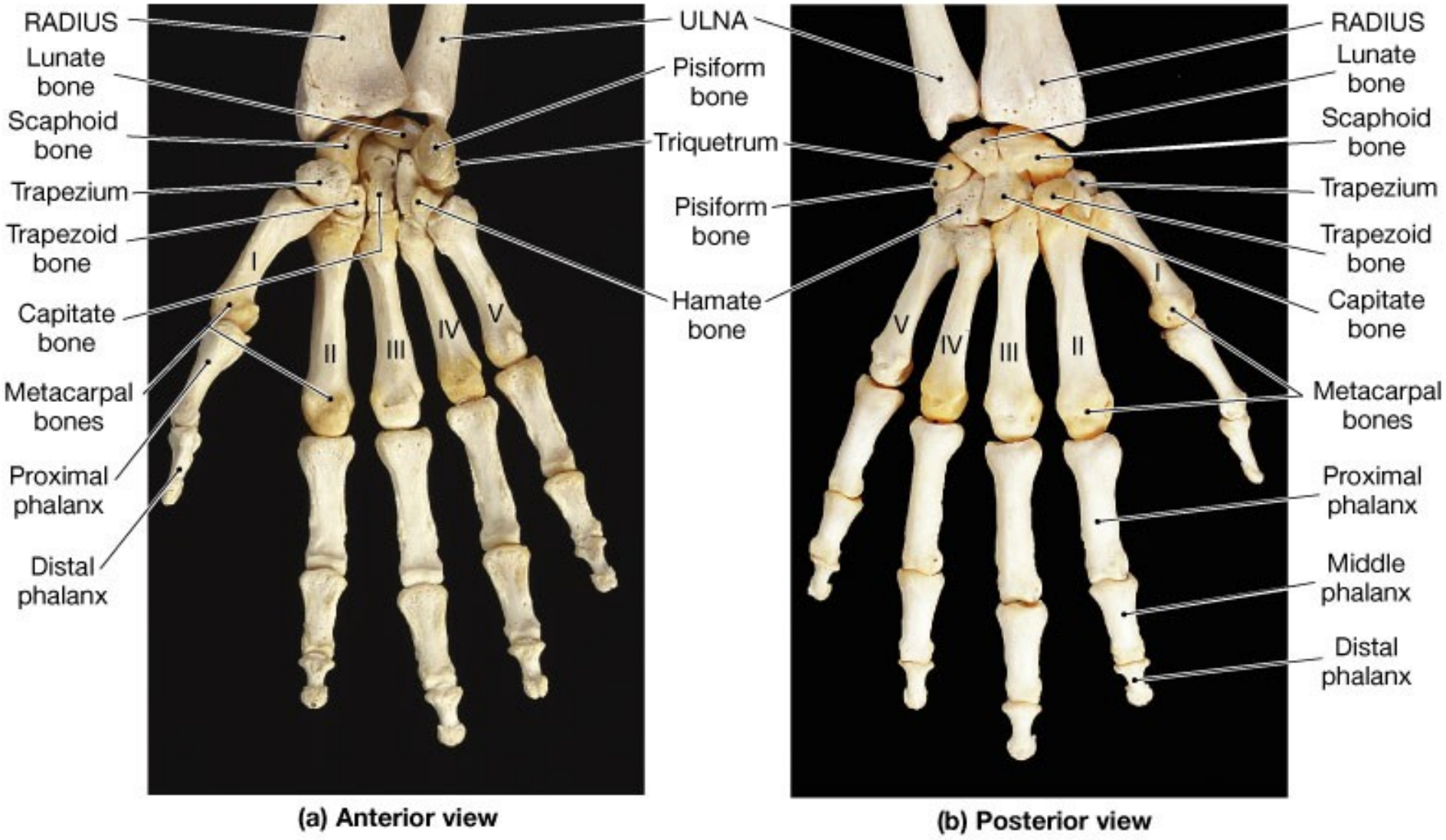

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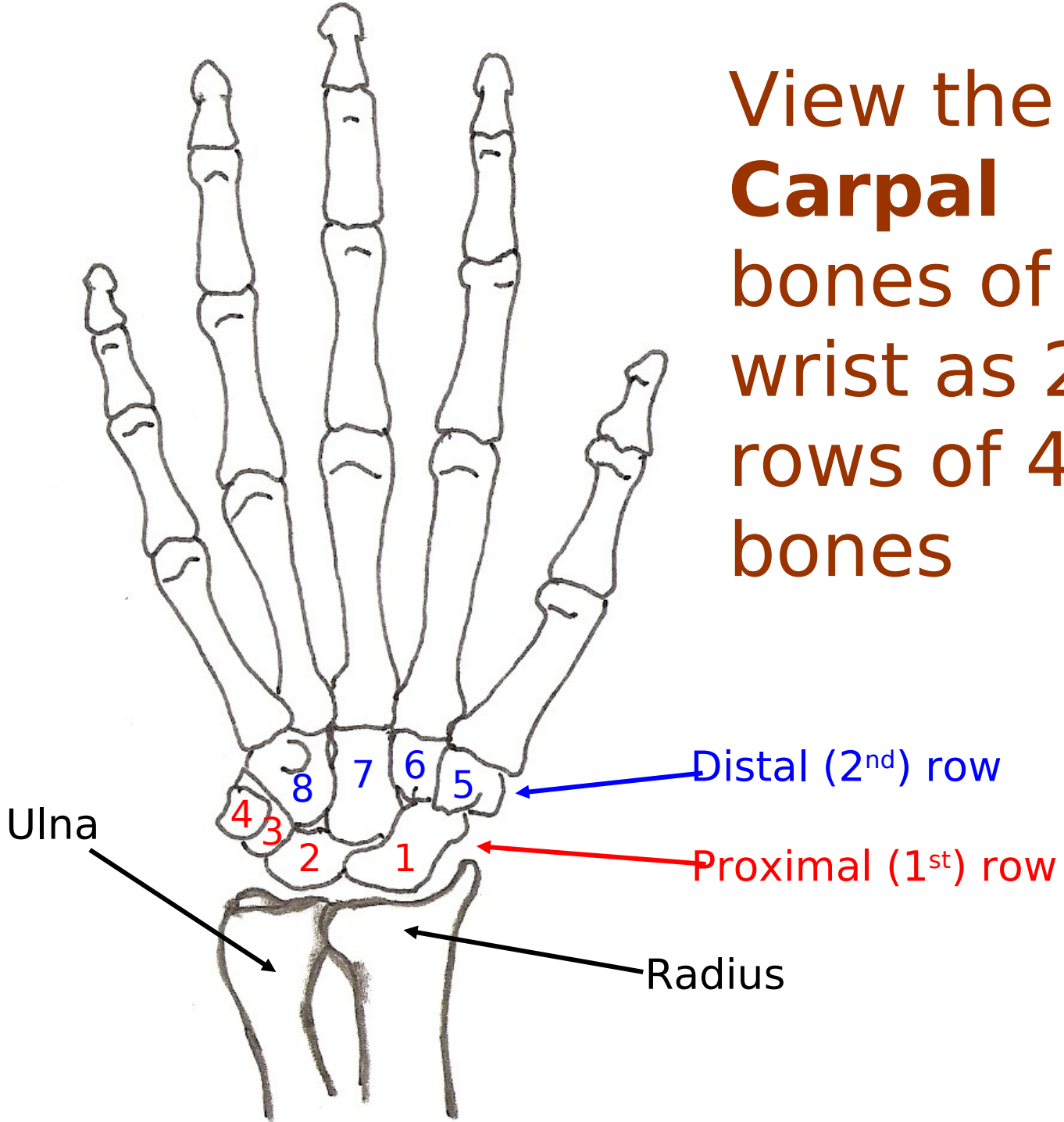
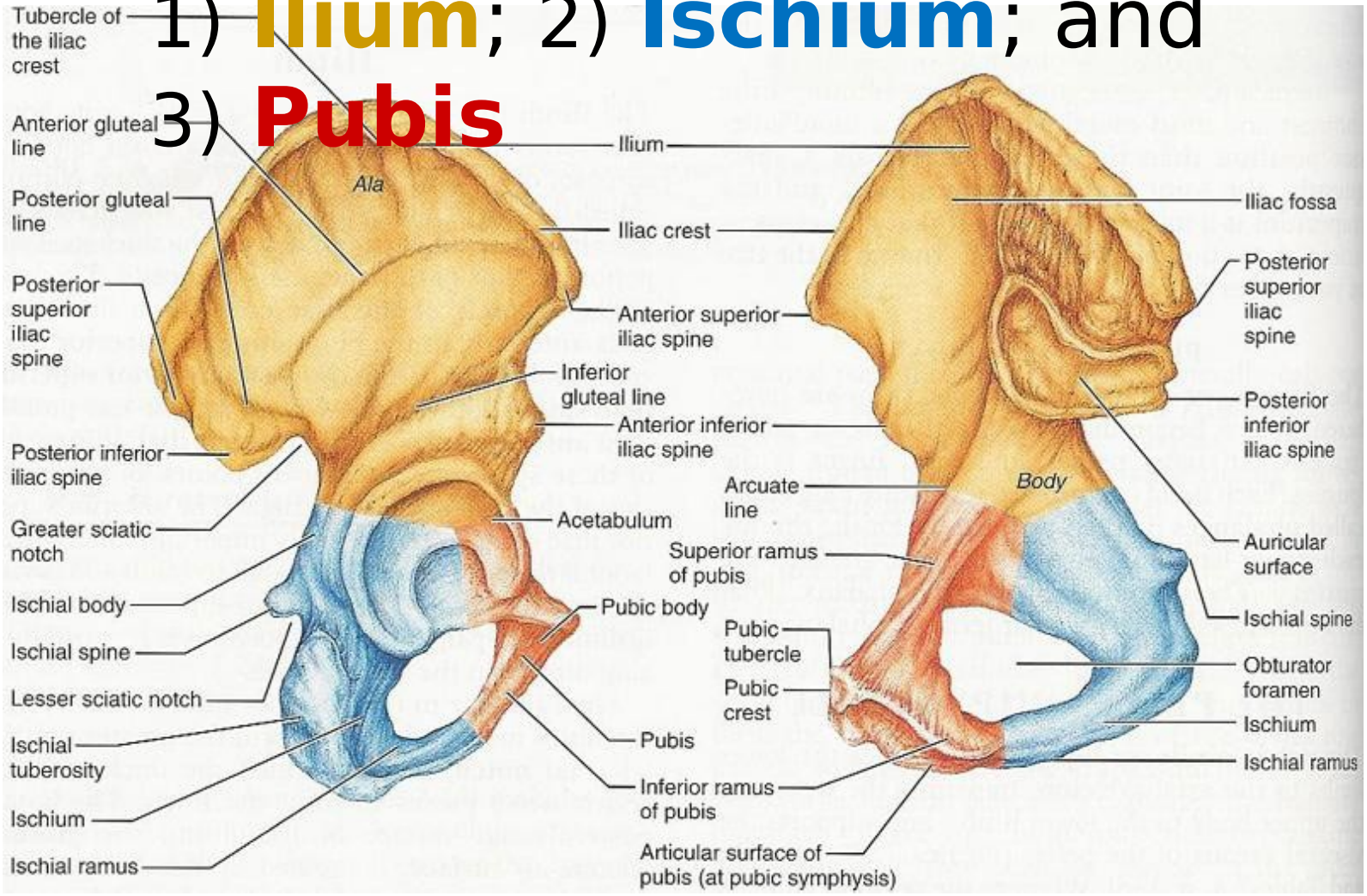
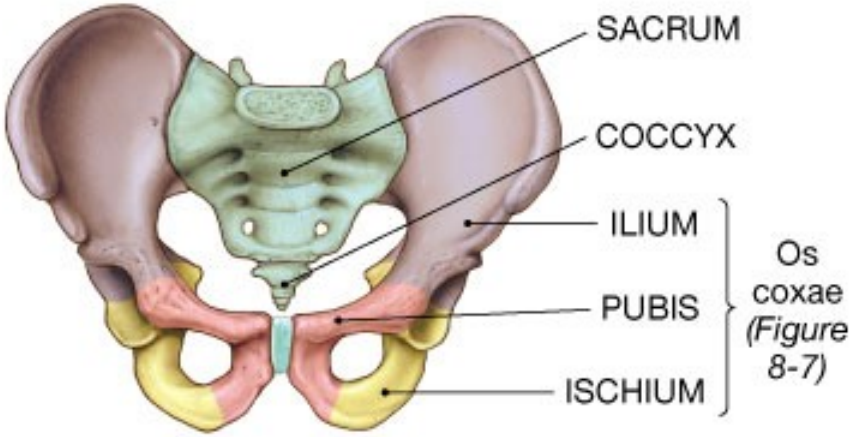
View the **Carpal** bones of the wrist as 2 rows of 4 bones

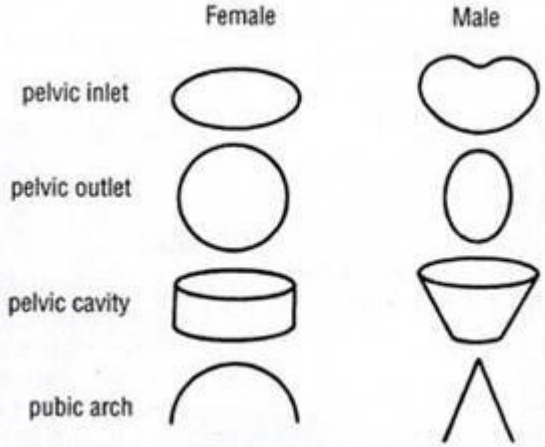


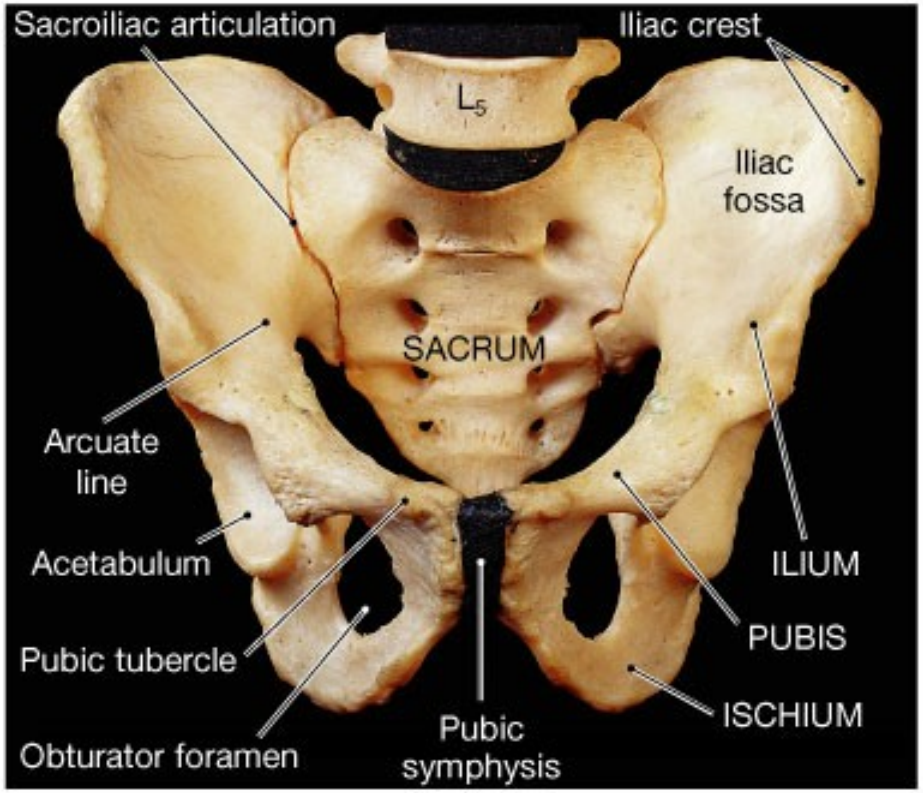
The Os Coxa is made of **3** bones:

1) **Ilium**; 2) **Ischium**; and 3) **Pubis**

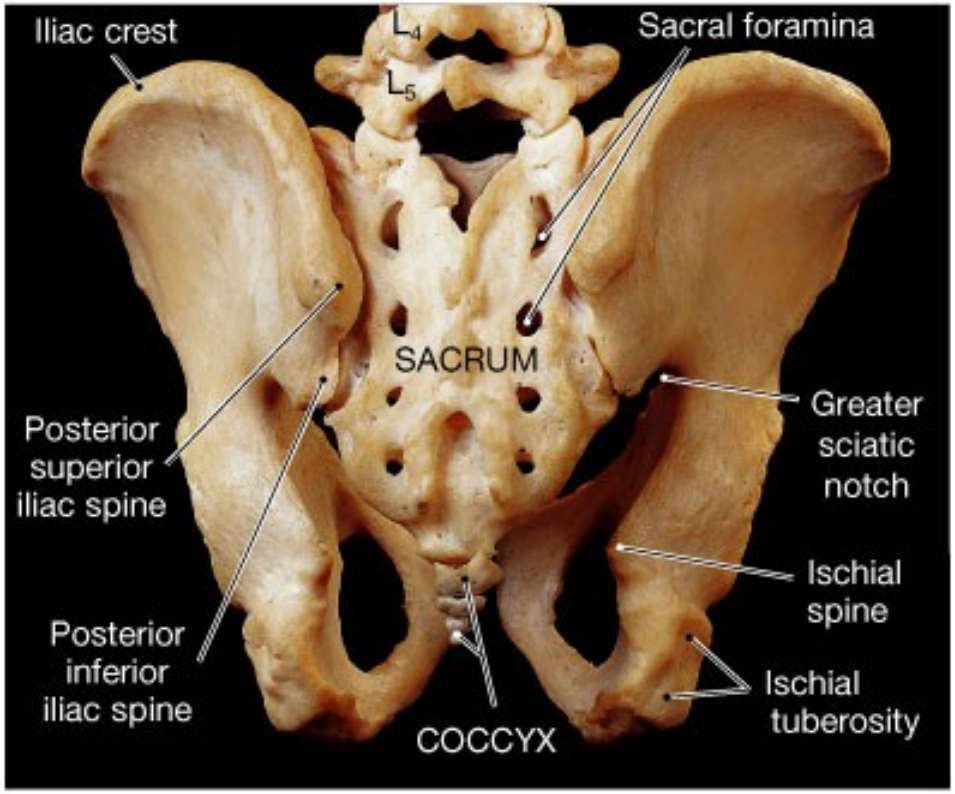








(a) Anterior view



(b) Posterior view

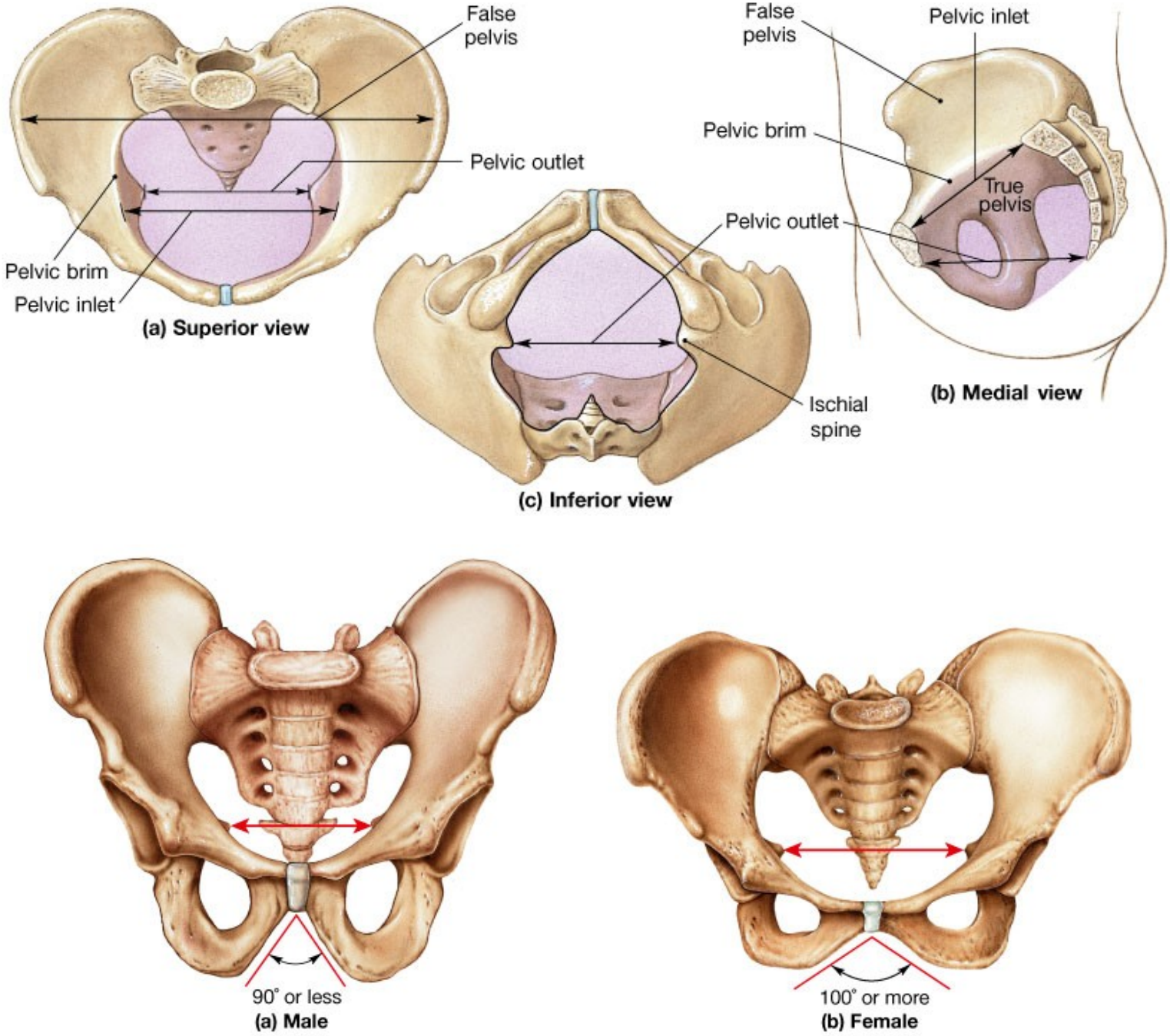


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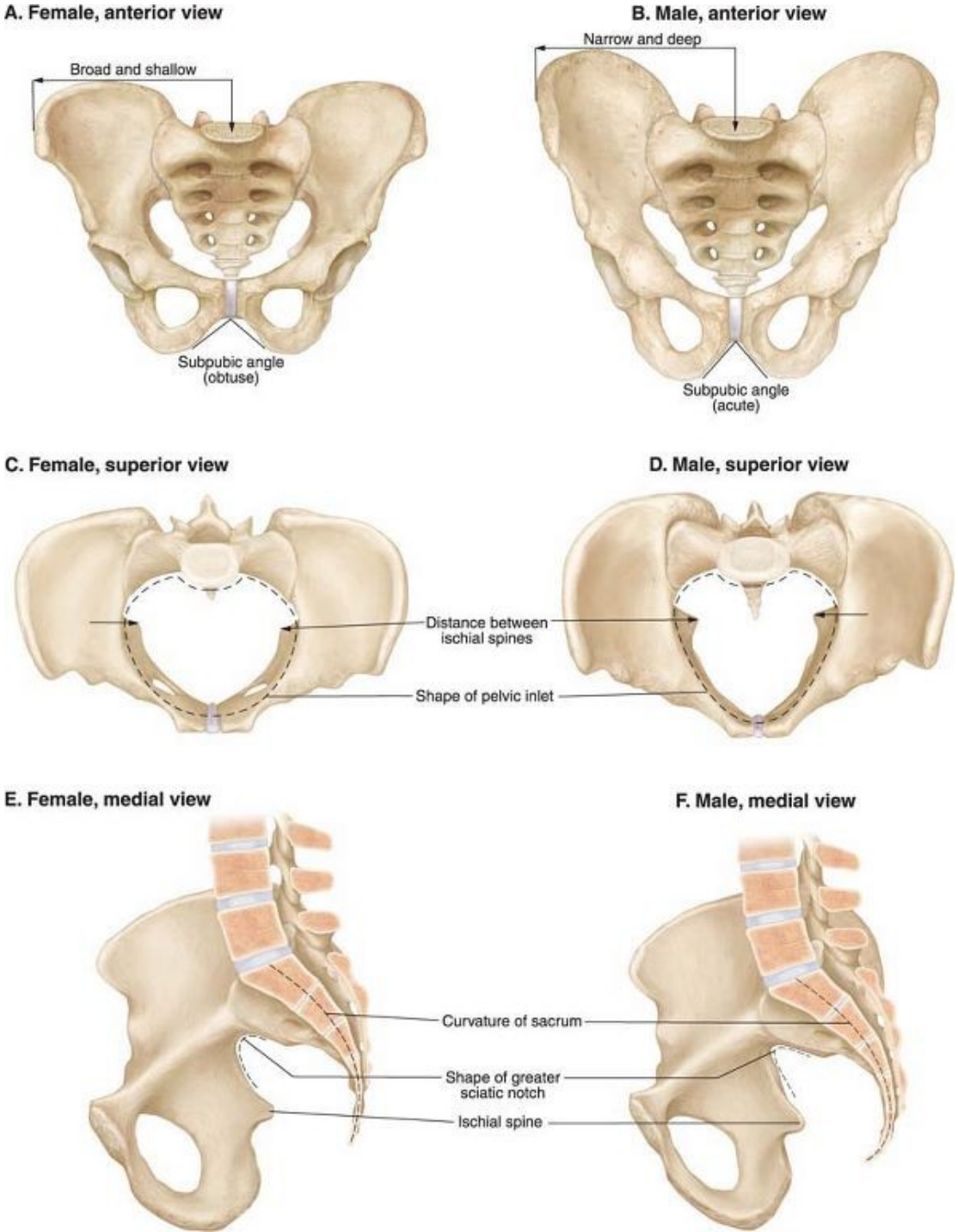
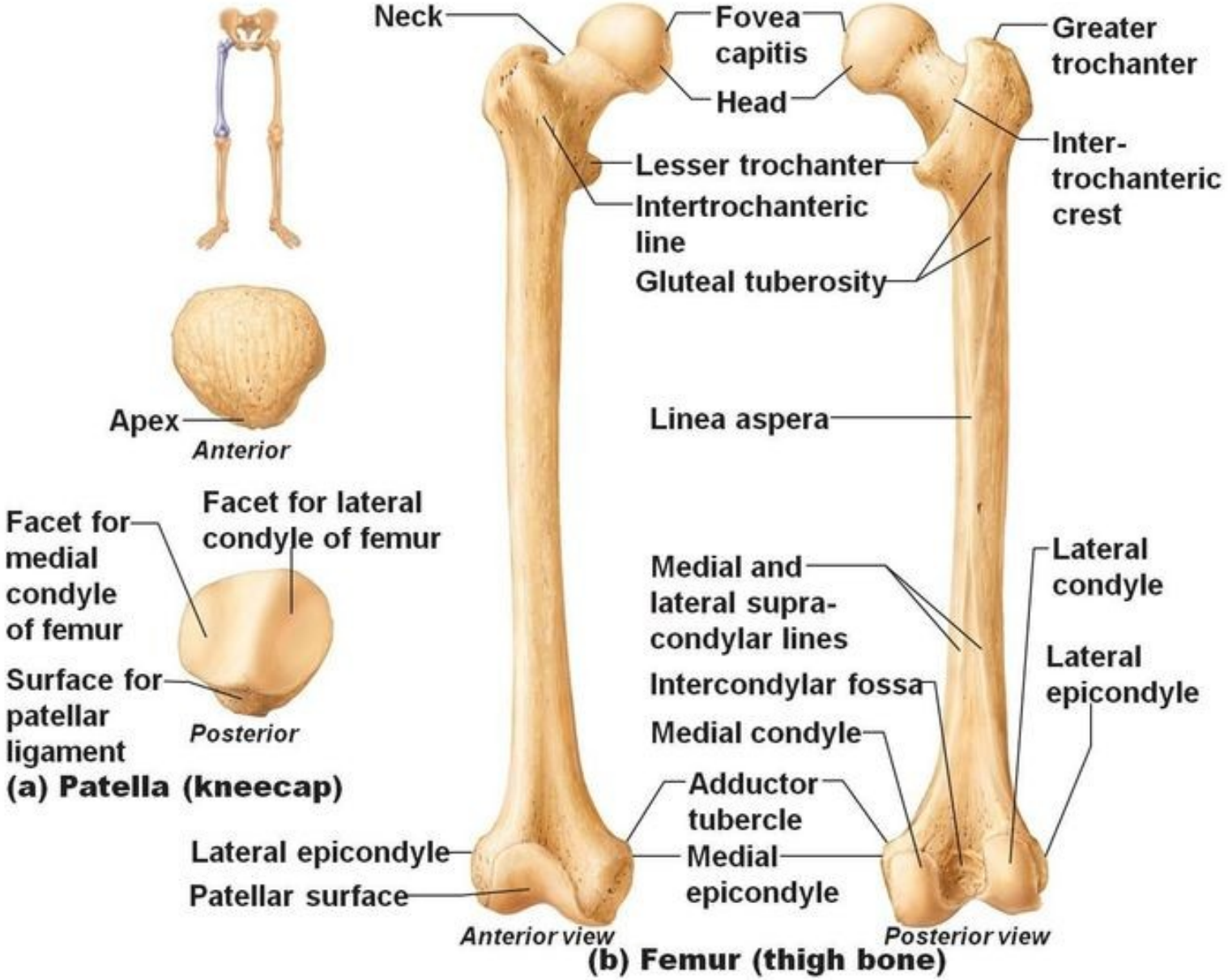
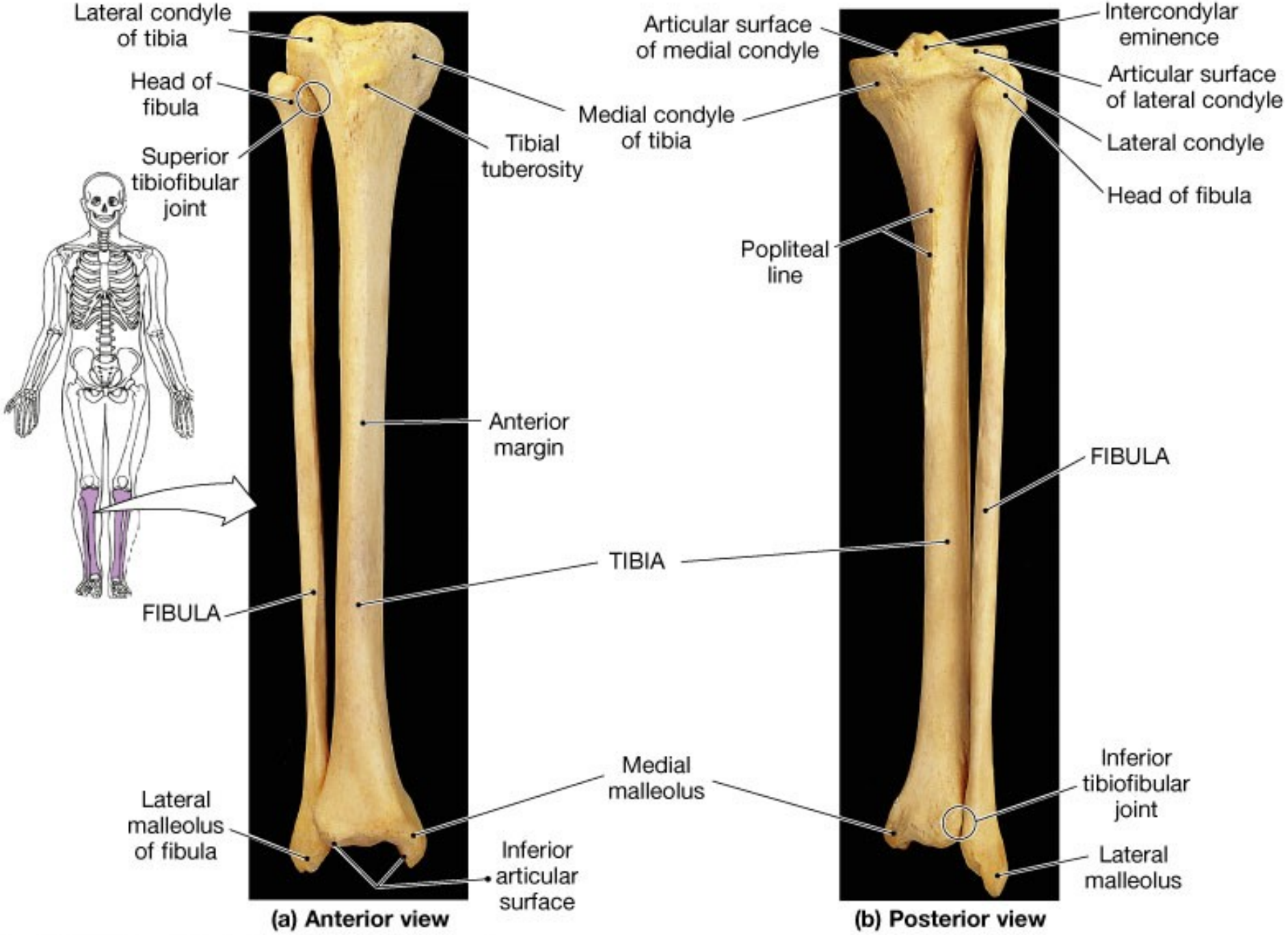
Table with information regarding sexual dimorphism of the pelvis.

Characteristics	Female	Male
General Appearance	Less massive, smaller, thinner	More massive, larger, thicker
Ischial Spine	More vertical, Projected laterally (outward)	Projected more medially (inwardly)
Sacrum	Shorter, more broad less curved anteriorly	Taller, more narrow more curved anteriorly
Coccyx	less curved anteriorly	more curved anteriorly
Width of Pelvis	Wider (shallow) (distance across ASIS's)	Narrower (deep) (distance across ASIS's)
Pelvic Inlet	More wide, oval shaped	More narrow, heart shaped
Pelvic Outlet	More open	More narrow
Pubic Symphysis	Shorter	Longer
Pubic Arch (Angle)	Broader, more open (obtuse) Angle 100^{o} or greater	Narrower, less open (acute) Angle 90^{o} or less
Greater Sciatic Notch	More wide	More narrow
Obturator Foramen	More oval shaped	More round shaped


A. Female, anterior view
Broad and shallow
Subpubic angle
(obtuse)
B. Male, anterior view
Narrow and deep
Subpubic angle
(acute)
C. Female, superior view
D. Male, superior view
Distance between
ischial spines
Shape of pelvic inlet
E. Female, medial view
F. Male, medial view
Curvature of sacrum
Shape of greater
sciatic notch
Ischial spine


Apex
Anterior
Facet for medial condyle of femur
Facet for lateral condyle of femur
Surface for patellar ligament
Posterior
(a) Patella (kneecap)
Neck
Fovea capitis
Head
Greater trochanter
Lesser trochanter
Intertrochanteric line
Inter-trochanteric crest
Gluteal tuberosity
Linea aspera
Medial and lateral supra-condylar lines
Lateral condyle
Intercondylar fossa
Lateral epicondyle
Medial condyle
Adductor tubercle
Lateral epicondyle
Medial epicondyle
Patellar surface
Anterior view
Posterior view
(b) Femur (thigh bone)



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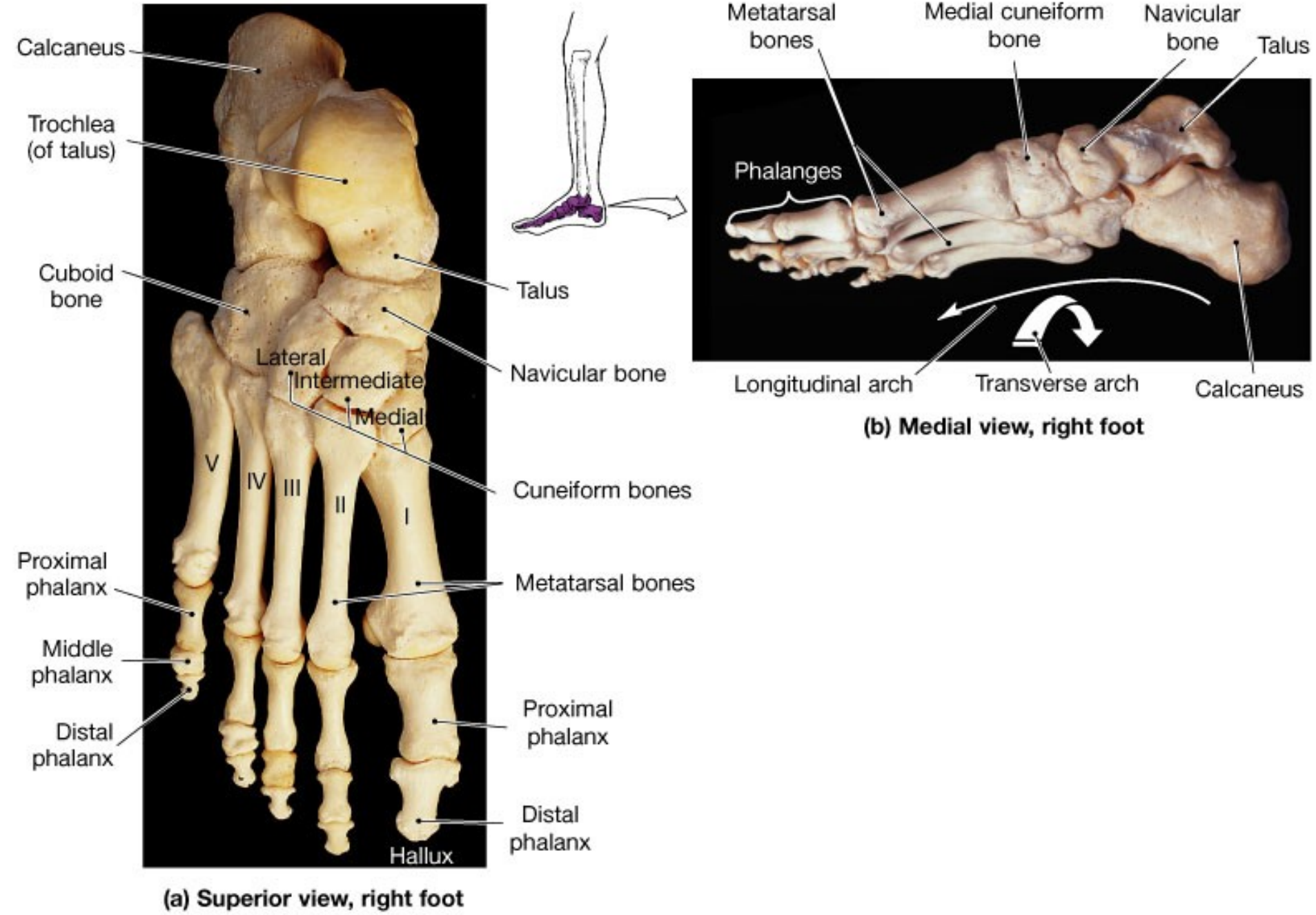

(a) Superior view, right foot

(b) Medial view, right foot

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